

SOIL AND WASTE pH EPA 9045 C REVISION 3 1995						Page 1 of 2
Facility Name: _____						VELAP ID _____
Assessor Name: _____						Analyst Name: _____
						Inspection Date _____
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments	
<i>Records Examined:</i> SOP Number/ Revision/ Date _____ Analyst: _____ Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____						
Did water constitute less than 20% of sample volume?	1.1					
When electrodes became coated with an oily material that would not rinse free, were they cleaned with ultrasonic bath, or detergent, or HCl, or per the manufacturer's instructions?	3.3					
Were reagents of sufficient grades to be free from interferences and contamination?	5.1					
Were buffers NIST traceable?	5.4					
Were a minimum of two calibration points that bracketed sample pH used?	7.1.2					
Were sample temperatures at 25 ± 1°C when their pHs were approximately 11 or greater?	7.1.2					
Were weighed sample aliquots and measured reagent water volumes stirred together for five minutes?	7.2.1					
For soil samples, were the sample and reagent water mixtures allowed to settle and separate for about 1 hour after stirring?	7.2.2					
For waste samples, were sample and reagent water mixtures allowed to settle and separate for about 15 minutes after stirring?	7.3.3					
Was the pH meter electrode immersed into the aqueous supernatant just enough for good contact with the supernatant?	7.2.3 7.3.3					
Were measured pH values corrected when sample temperatures differed from buffer temperatures by more than 2°C?	7.2.4 7.3.4					
Were pH measurements of samples reported along with their temperatures at time of measurement?	7.2.5 7.3.5					
If supernatants were multiphasic, were oily layers decanted prior to pH measurement?	7.3.2					
Notes/Comments:						

METHOD 9045D

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